

## AMENDMENTS TO CLAIMS

*The following listing of the claims replaces all prior claim versions and listings.*

**1. (Previously Presented)** A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to a transmission path; and

a control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when a control signal is received from said transmission path.

**2. (Previously Presented)** A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

an output control unit for receiving the stream output from said encoder unit, said output control unit performing control, when a control signal is received from a transmission path, to output the stream to the transmission path at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit.

**3. (Canceled)**

**4. (Previously Presented)** A reception device comprising:

a decoder unit for decoding a stream received from a transmission path;

a monitor unit for monitoring a wireless reception status of said transmission path; and

a control unit for outputting a control signal to said transmission path based on a notification from said monitor unit, if the wireless reception status indicates a handover status.

**5. (Previously Presented)** The reception device according to claim 4, wherein, when a wireless status of said transmission path indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said control unit.

**6. (Previously Presented)** A transmission/reception device comprising:

- a decoder unit for decoding a stream received from a transmission path;
- a buffer unit for storing a medium signal, decoded and produced by said decoder unit;
- a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to said transmission path, if the storage amount exceeds or falls below a predetermined threshold;
- an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission path; and
- a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when the control signal is received from said transmission path.

**7. (Currently Amended)** A transmission/reception device comprising:

- a decoder unit for decoding a stream received from a transmission path;
- a buffer unit for storing a medium signal decoded and produced by said decoder unit;
- a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to ~~path~~said transmission line~~path~~, if the storage amount exceeds or falls below a predetermined threshold;
- an encoder unit for outputting a stream obtained by receiving and encoding a medium signal; and
- a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission path at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission path.

**8. (Previously Presented)** A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path;

a monitor unit for monitoring a wireless reception status of said transmission path;

a first control unit for outputting a control signal to said transmission path based on a notification from said monitor unit if the wireless reception status indicates a handover status;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission path; and

a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream when the control signal is received from said transmission path.

**9. (Previously Presented)** A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path;

a monitor unit for monitoring a wireless reception status of said transmission path;

a first control unit for outputting a control signal to said transmission path based on a notification from said monitor unit if the wireless reception status indicates a handover status;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission path at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission path.

**10. (Previously Presented)** The transmission/reception device according to claim 8, wherein, when a wireless status of said transmission path indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said first control unit.

**11. – 20. (Cancelled)**

**21. (Currently Amended)** A computer program storage device, readable by ~~machine~~a computer, tangibly embodying a program of instructions executable by ~~a machine~~the computer for transmitting a medium signal, said ~~method~~program comprising instructions that cause the computer to perform ~~comprising the steps of:~~

outputting a stream obtained by receiving and encoding the medium signal, to a transmission path; and

performing control to output the stream by changing a compression rate of the encoding processing when a predetermined control signal is received from said transmission path.

**22. (Currently Amended)** A computer program storage device, readable by ~~machine~~a computer, tangibly embodying a program of instructions executable by ~~a machine~~the computer for transmitting a medium signal, said ~~method~~program comprising instructions that cause the computer to perform ~~comprising the steps of:~~

outputting a stream obtained by receiving and encoding a medium signal; and

when transmitting the stream after encoding, performing output control of stream, on receipt of a predetermined control signal from a transmission path, so that the stream is output to said transmission path at a time interval different from a time interval at which the medium signal has been encoded by the encoding processing.

**23. (Canceled)**

**24. (Currently Amended)** A computer program storage device, readable by ~~machine~~a computer, tangibly embodying a program of instructions executable by ~~a machine~~the computer for receiving a stream transmitted from a transmission device to a transmission path said ~~method~~program comprising instructions that cause the computer to perform ~~comprising the steps of:~~

decoding a stream received from said transmission path; and

monitoring a wireless reception status of said transmission path and output a control signal to said transmission path, if the wireless reception status indicates a handover status.

**25. (Previously Presented)** A transmission device that receives information data, including audios and/or images, as an input, performs encoding processing of the input data, creates distribution data and distributes the distribution data via a wired and/or wireless transmission path, said transmission device comprising:

means for controlling an output in such a way that, when a predetermined control signal is received from said transmission path, a compression rate of the encoding processing is changed or the distribution data is output at a time interval different from a time interval at which the input data has been encoded by the encoding processing.

**26. (Currently Amended)** A reception device comprising means for receiving and decoding the distribution data distributed from ~~the a~~ transmission device ~~according to claim 25 to said a wired and/or wireless~~ transmission path, said reception device further comprising means for monitoring a status of a storage amount of a storage device in which the received data is stored or a status of reception from said transmission path and, based on the monitor result, transmitting the control signal to said transmission device via said transmission path,

wherein said transmission device receives information data, including audios and/or images, as an input, performs encoding processing of the input data, creates the distribution data and distributes the distribution data via the transmission path, said transmission device comprising means for controlling an output in such a way that, when a predetermined control signal is received from said transmission path, a compression rate of the encoding processing is changed or the distribution data is output at a time interval different from a time interval at which the input data has been encoded by the encoding processing.

**27. – 29. (Cancelled)**

**30. (Previously Presented)** The transmission/reception device according to claim 9, wherein, when a wireless status of said transmission path indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said first control unit.